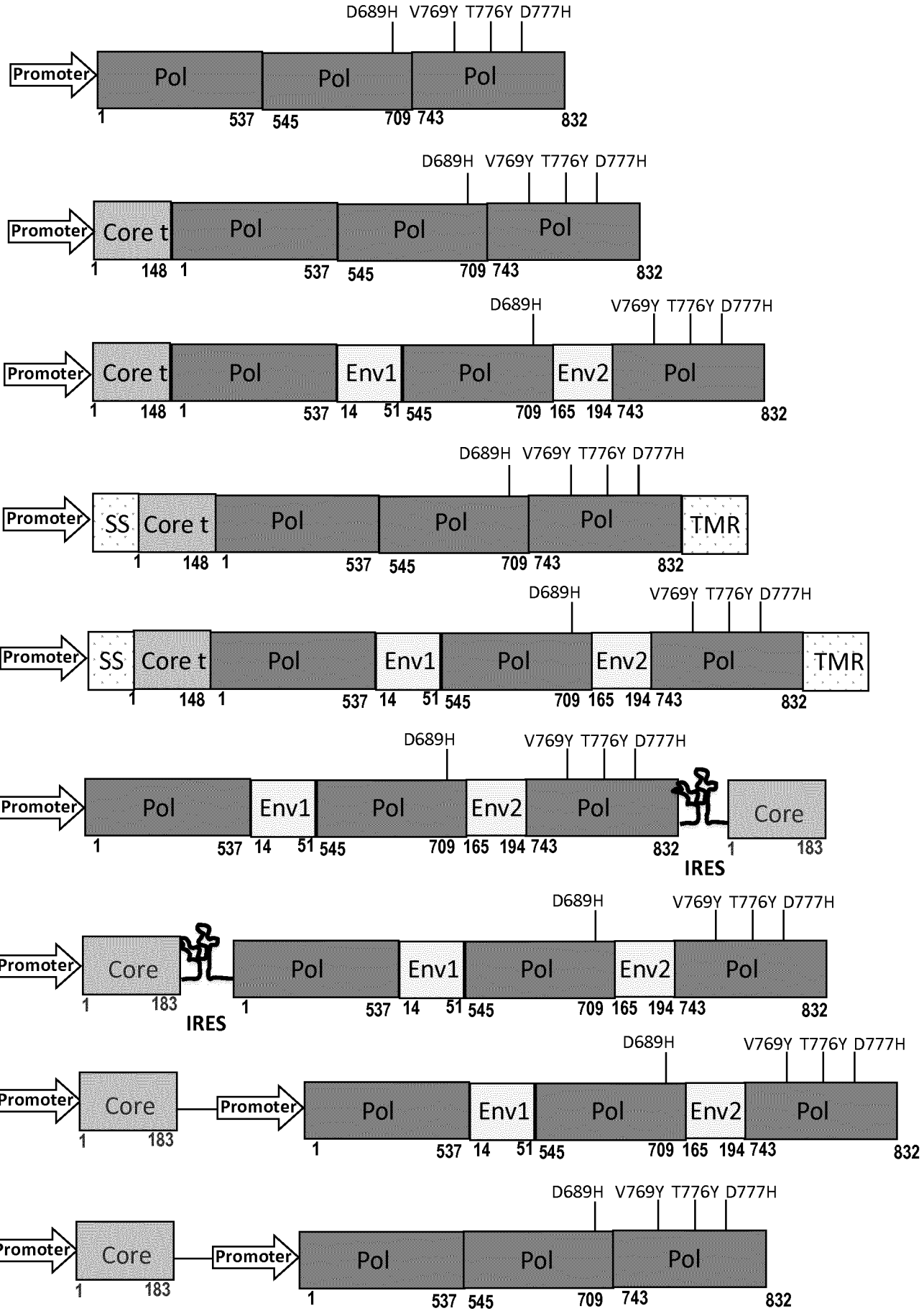
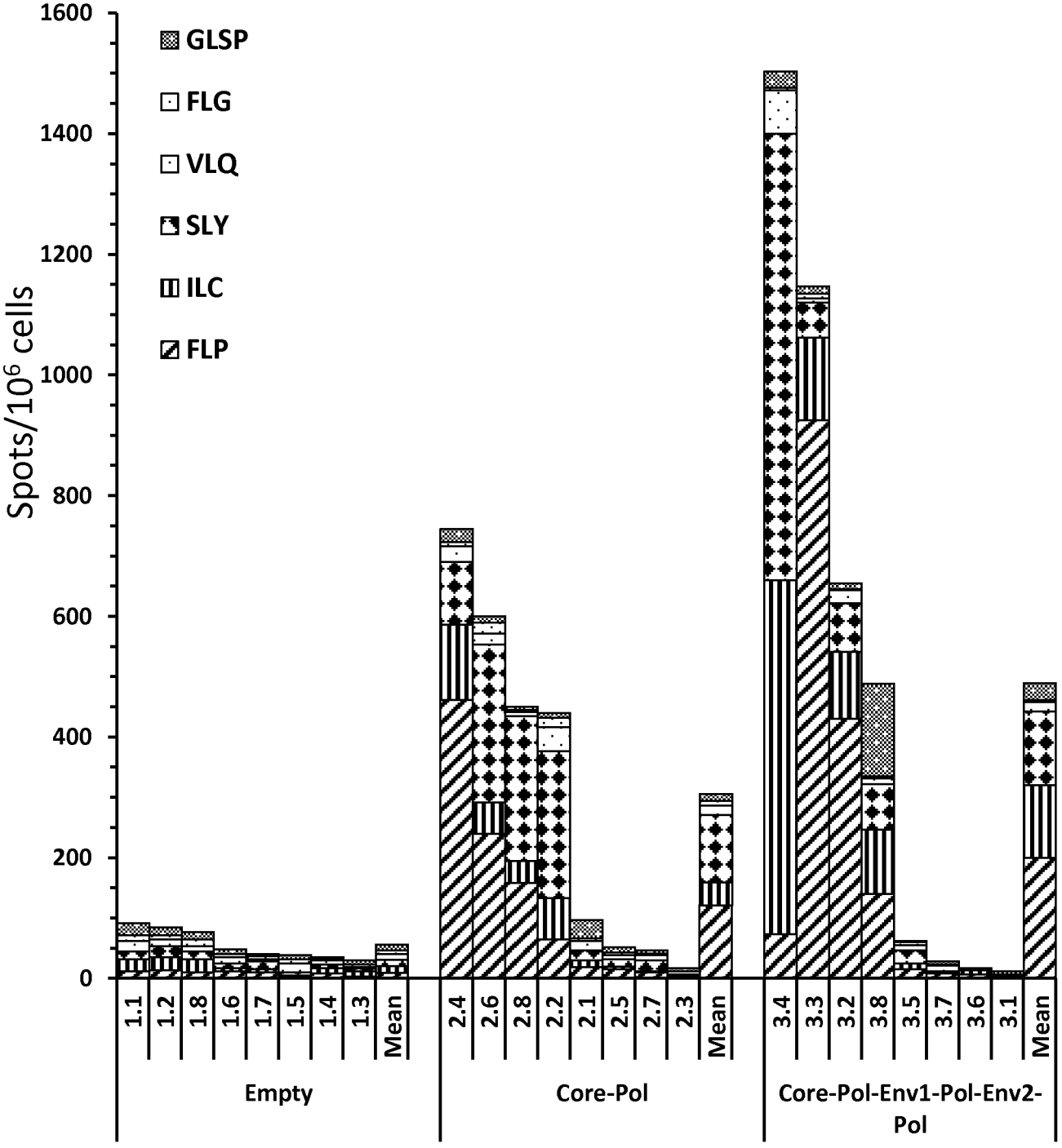
Figure 1


D689H V769Y T776Y D777H
Promoter
Pol
Pol
Pol
1 537 545 709 743 832
D689H V769Y T776Y D777H
Promoter
Core t
Pol
Pol
Pol
1 148 1 537 545 709 743 832
D689H V769Y T776Y D777H
Promoter
Core t
Pol
Env1
Pol
Env2
Pol
1 148 1 537 14 51 545 709 165 194 743 832
D689H V769Y T776Y D777H
Promoter
SS
Core t
Pol
Pol
Pol
TMR
1 148 1 537 545 709 743 832
D689H V769Y T776Y D777H
Promoter
SS
Core t
Pol
Env1
Pol
Env2
Pol
TMR
1 148 1 537 14 51 545 709 165 194 743 832
D689H V769Y T776Y D777H
Promoter
Pol
Env1
Pol
Env2
Pol
Core
1 537 14 51 545 709 165 194 743 832 1 183
IRES
D689H V769Y T776Y D777H
Promoter
Core
Pol
Env1
Pol
Env2
Pol
1 183 IRES 1 537 14 51 545 709 165 194 743 832
D689H V769Y T776Y D777H
Promoter
Core
Promoter
Pol
Env1
Pol
Env2
Pol
1 183 1 537 14 51 545 709 165 194 743 832
D689H V769Y T776Y D777H
Promoter
Core
Promoter
Pol
Pol
Pol
1 183 1 537 545 709 743 832

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Figure 2


GLSP
FLG
VLQ
SLY
ILC
FLP
Spots/10^6 cells
1600
1400
1200
1000
800
600
400
200
0
1.1
1.2
1.8
1.6
1.7
1.5
1.4
1.3
Mean
2.4
2.6
2.8
2.2
2.1
2.5
2.7
2.3
Mean
3.4
3.3
3.2
3.8
3.5
3.7
3.6
3.1
Mean
Empty
Core-Pol
Core-Pol-Env1-Pol-Env2-Pol

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Figure 3

Fig. 3A

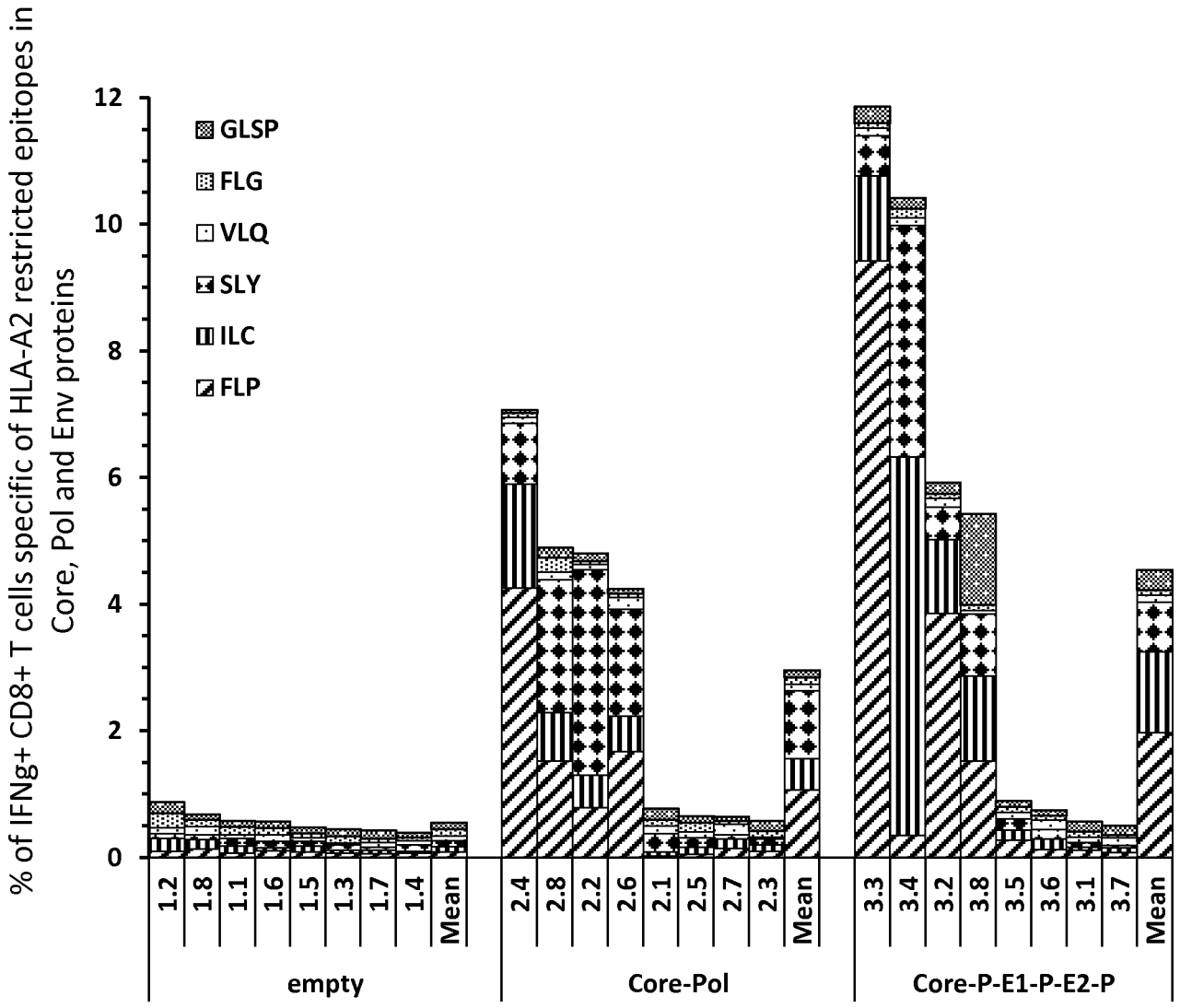


Figure 3

Fig. 3B

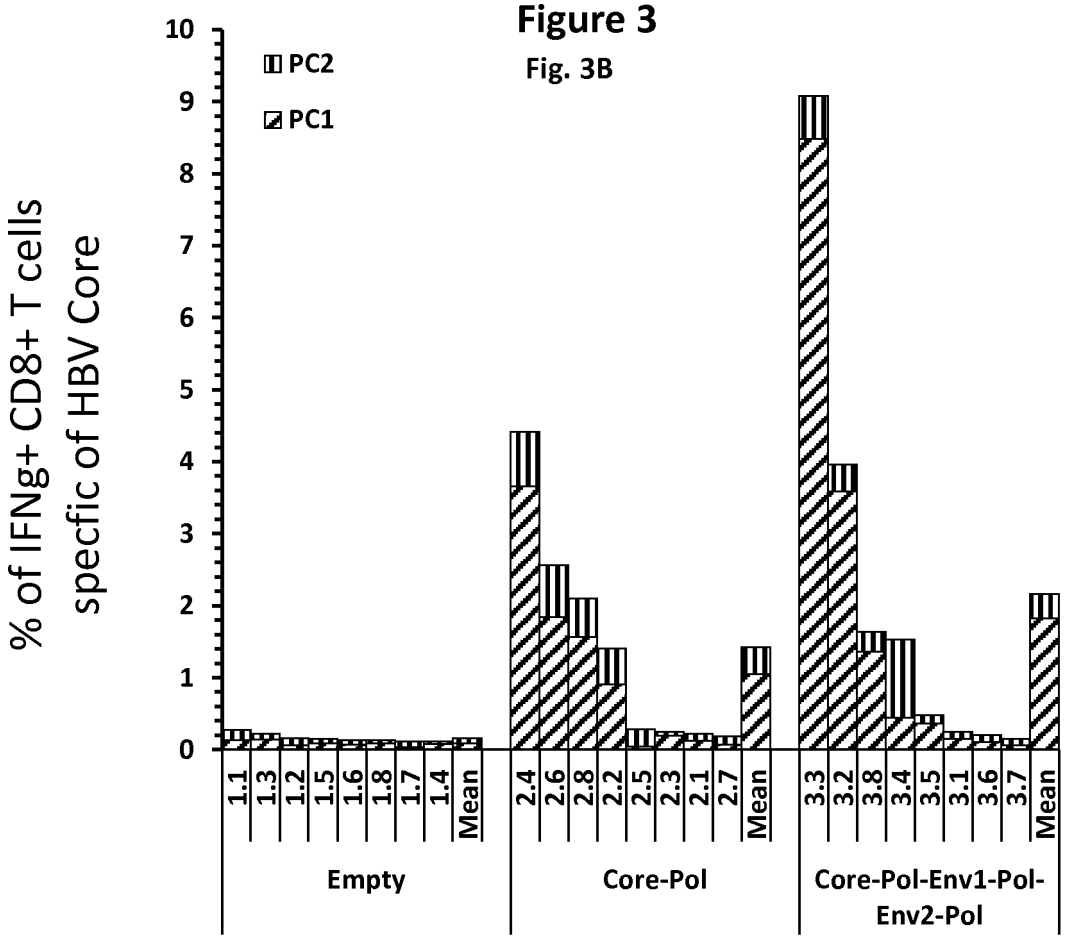
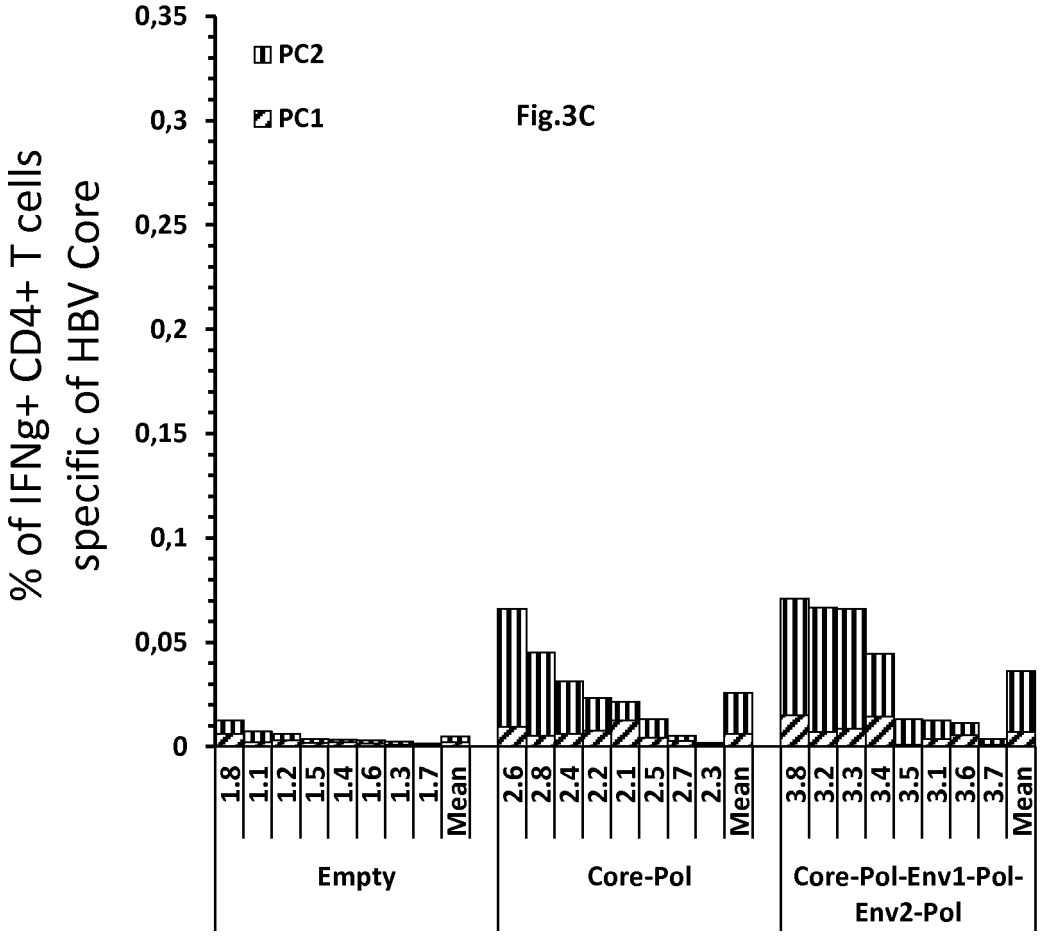


Fig.3C



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Figure 3

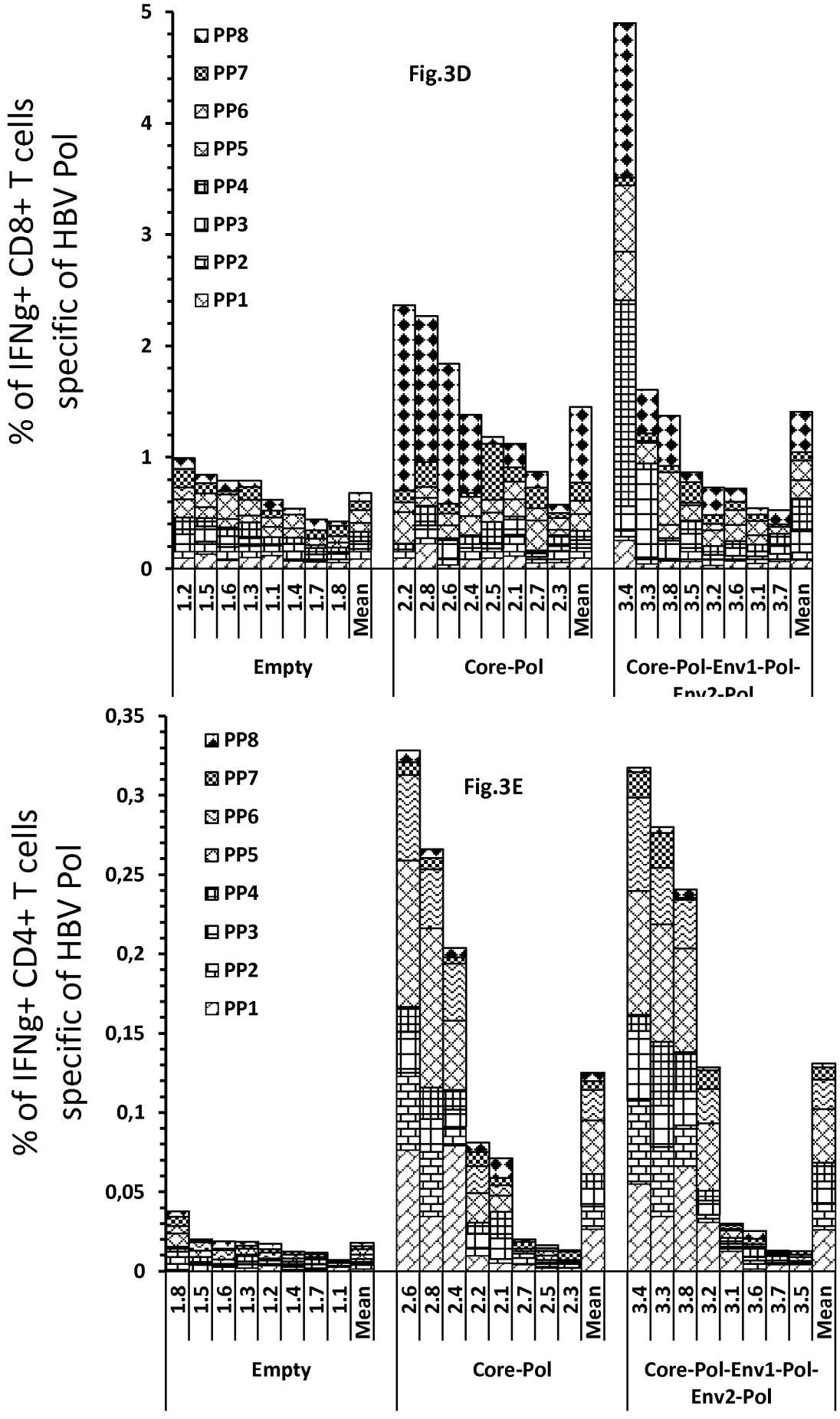

Fig.3D
% of IFNg+ CD8+ T cells specific of HBV Pol
PP8
PP7
PP6
PP5
PP4
PP3
PP2
PP1
0
1
2
3
4
5
1.2 1.5 1.6 1.3 1.1 1.4 1.7 1.8 Mean
2.2 2.8 2.6 2.4 2.5 2.1 2.7 2.3 Mean
3.4 3.3 3.8 3.5 3.2 3.6 3.1 3.7 Mean
Empty
Core-Pol
Core-Pol-Env1-Pol-Env2-Pol
Fig.3E
% of IFNg+ CD4+ T cells specific of HBV Pol
PP8
PP7
PP6
PP5
PP4
PP3
PP2
PP1
0
0,05
0,1
0,15
0,2
0,25
0,3
0,35
1.8 1.5 1.6 1.3 1.2 1.4 1.7 1.1 Mean
2.6 2.8 2.4 2.2 2.1 2.7 2.5 2.3 Mean
3.4 3.3 3.8 3.2 3.1 3.6 3.7 3.5 Mean
Empty
Core-Pol
Core-Pol-Env1-Pol-Env2-Pol

Figure 3

Fig.3F

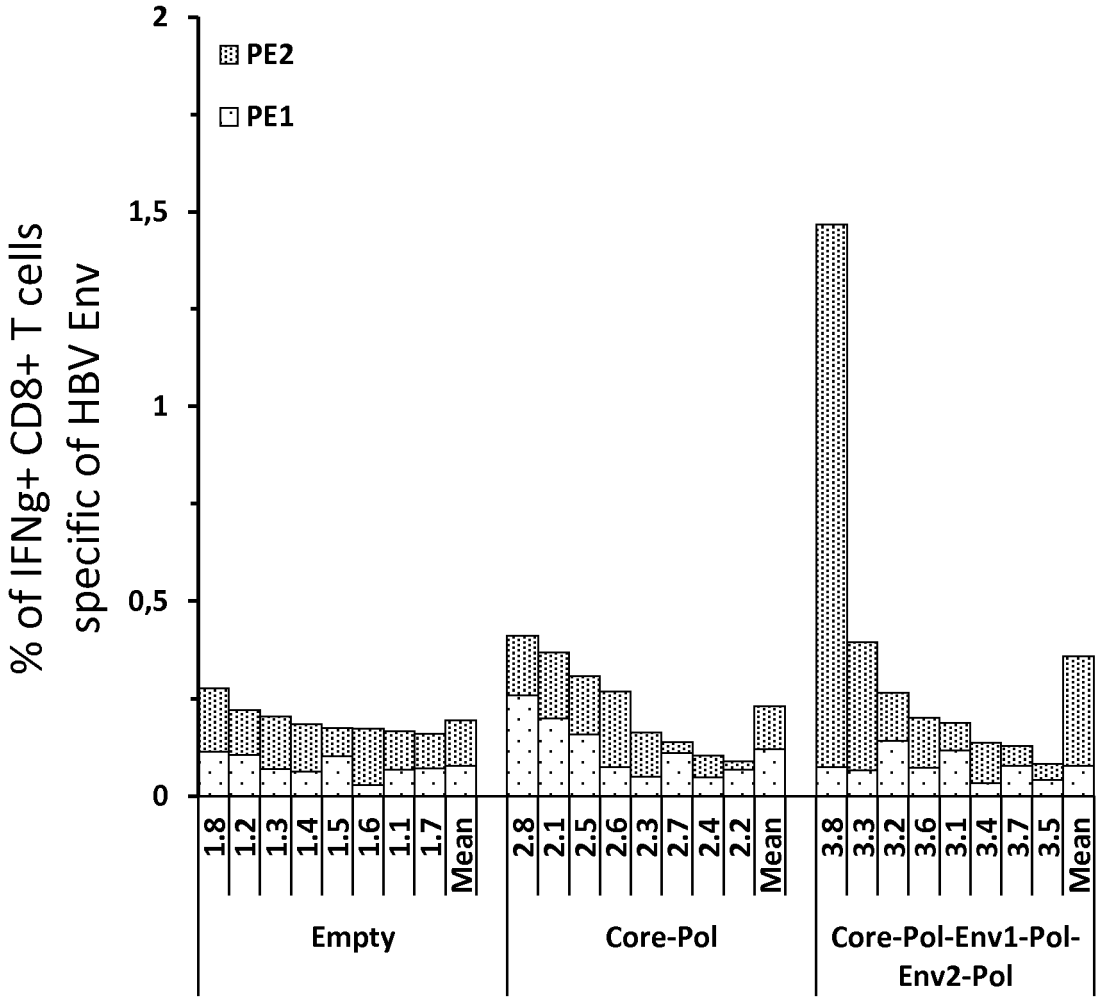
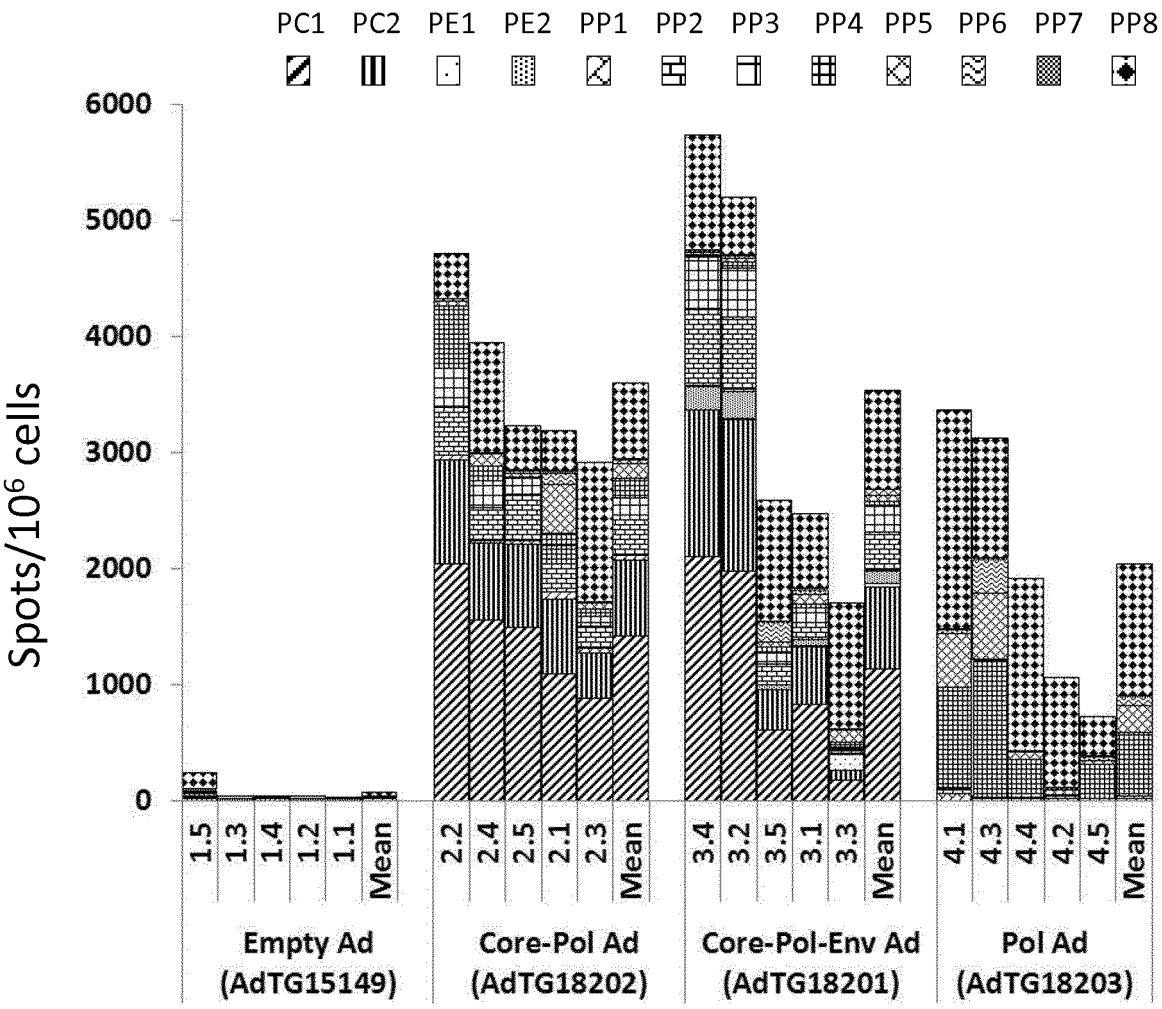
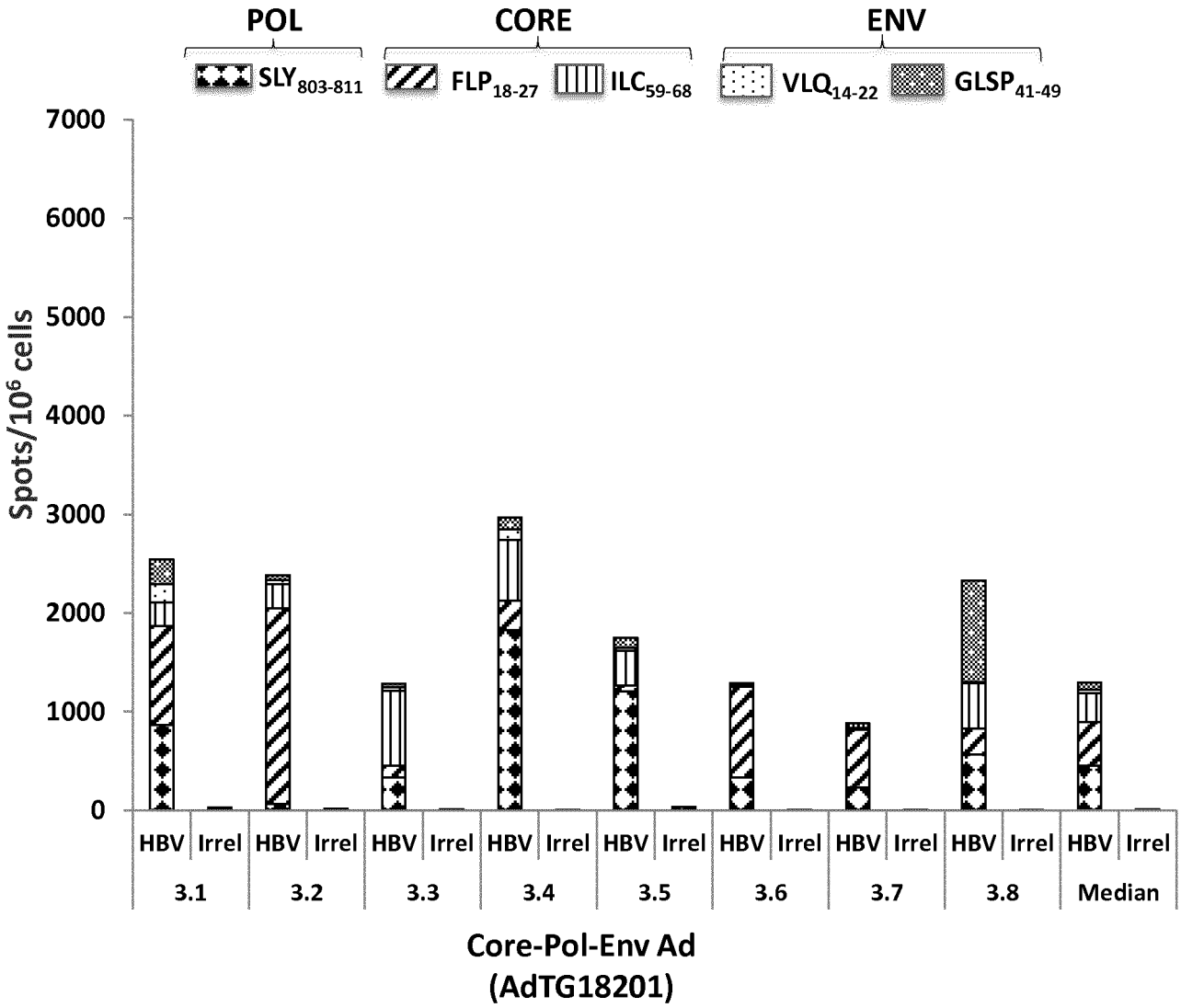


Figure 4

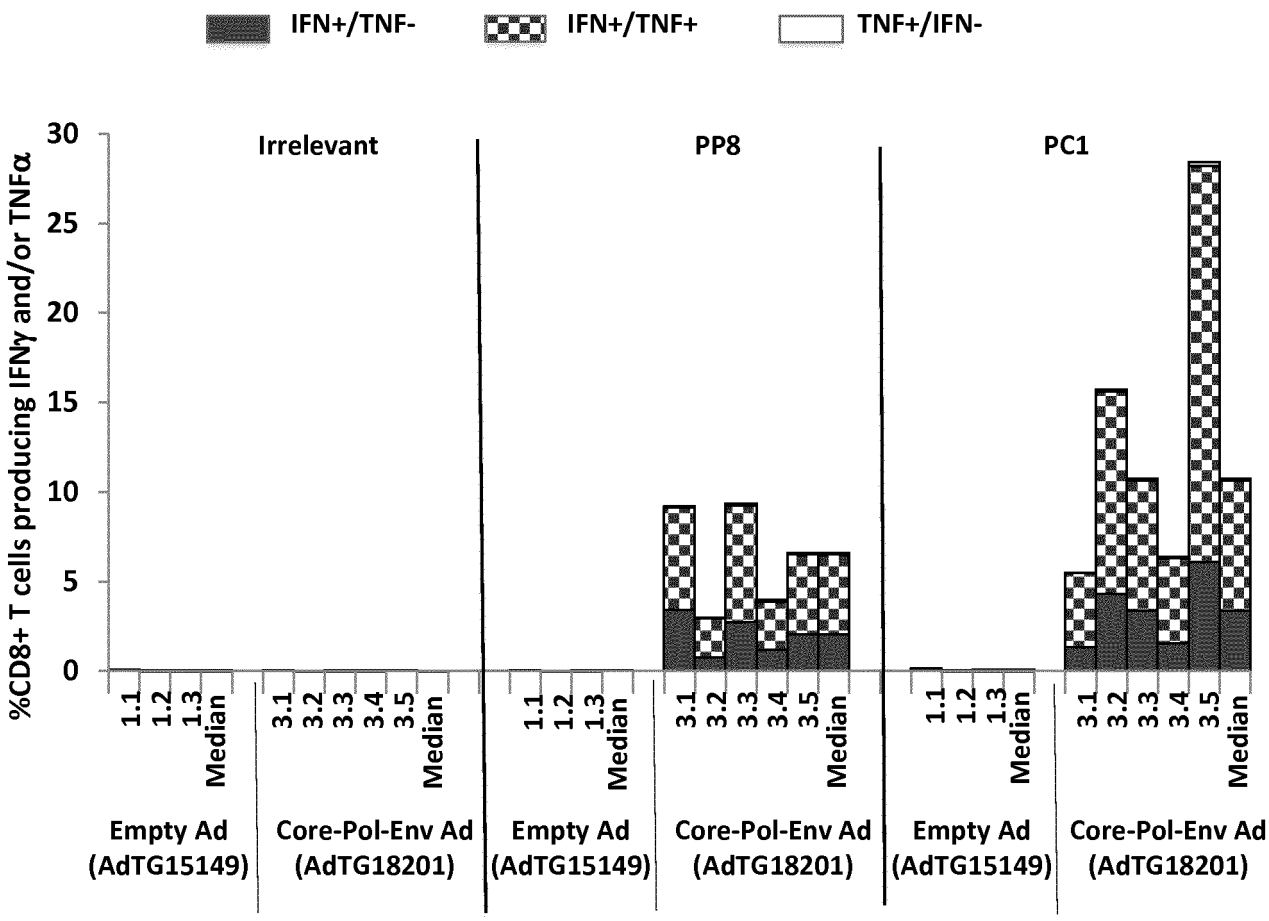

PC1
PC2
PE1
PE2
PP1
PP2
PP3
PP4
PP5
PP6
PP7
PP8
Spots/10^6 cells
6000
5000
4000
3000
2000
1000
0
1.5
1.3
1.4
1.2
1.1
Mean
2.2
2.4
2.5
2.1
2.3
Mean
3.4
3.2
3.5
3.1
3.3
Mean
4.1
4.3
4.4
4.2
4.5
Mean
Empty Ad (AdTG15149)
Core-Pol Ad (AdTG18202)
Core-Pol-Env Ad (AdTG18201)
Pol Ad (AdTG18203)

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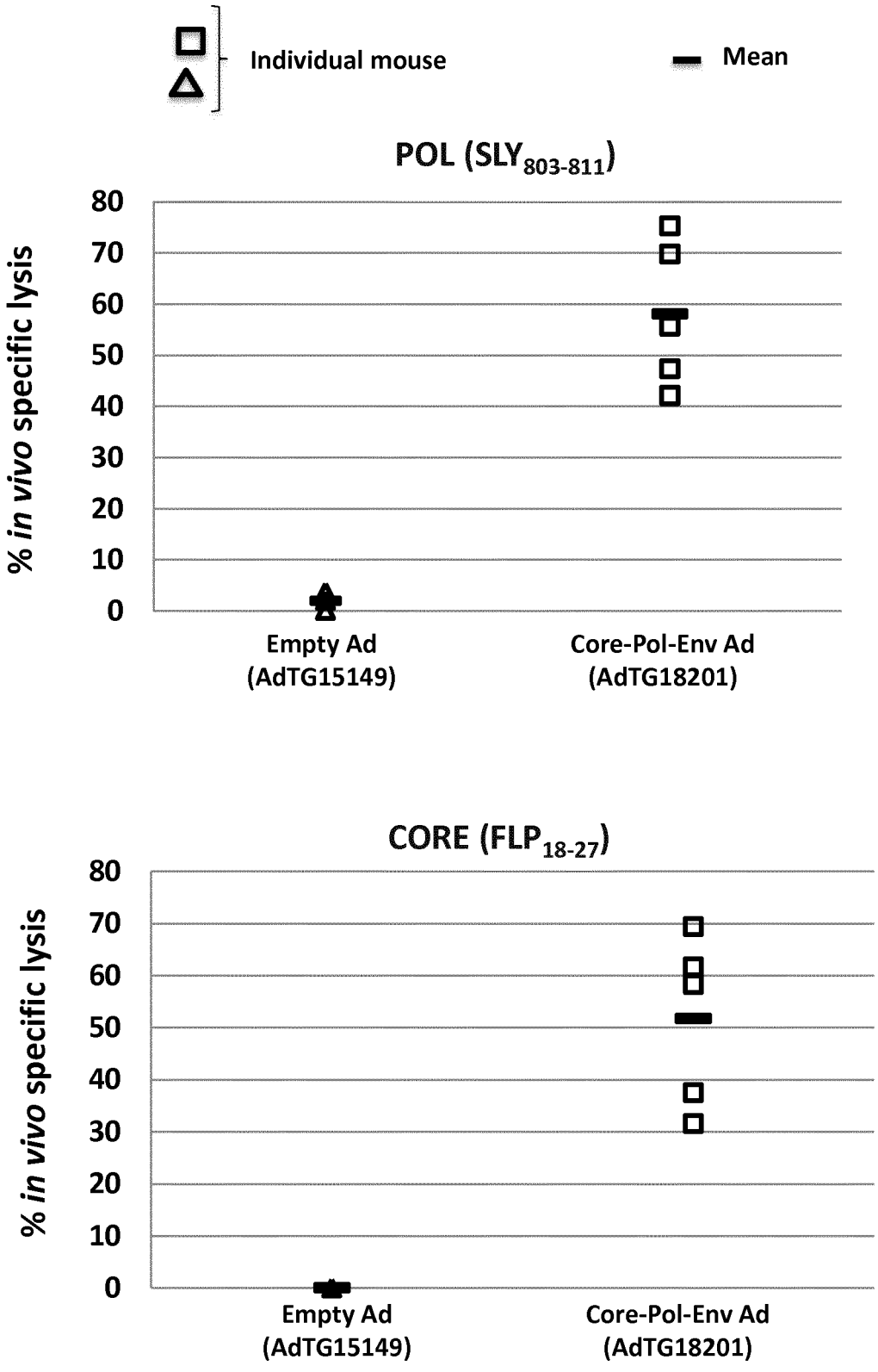
Figure 5


POL
CORE
ENV
SLY803-811
FLP18-27
ILC59-68
VLQ14-22
GLSP41-49
Spots/10^6 cells
7000
6000
5000
4000
3000
2000
1000
0
HBV
Irrel
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
Median
Core-Pol-Env Ad
(AdTG18201)

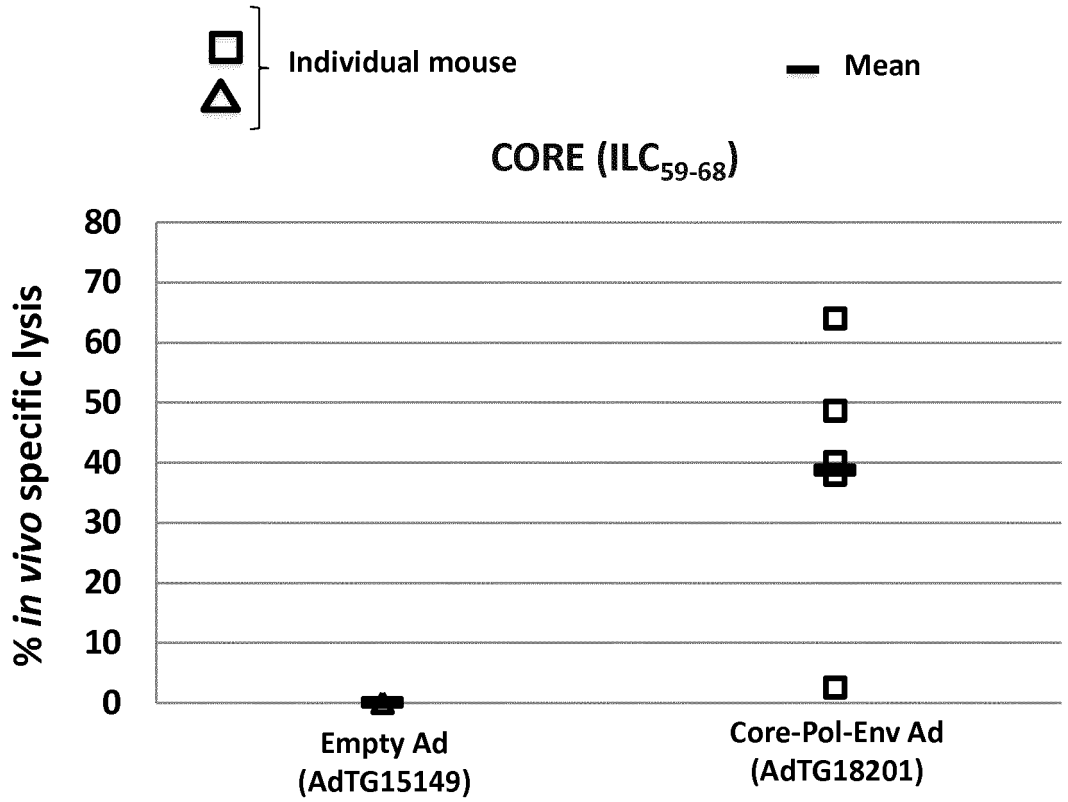
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Figure 6


IFN+/TNF-
IFN+/TNF+
TNF+/IFN-
%CD8+ T cells producing IFNγ and/or TNFα
30
25
20
15
10
5
0
Irrelevant
PP8
PC1
1.1
1.2
1.3
Median
3.1
3.2
3.3
3.4
3.5
Median
Empty Ad (AdTG15149)
Core-Pol-Env Ad (AdTG18201)

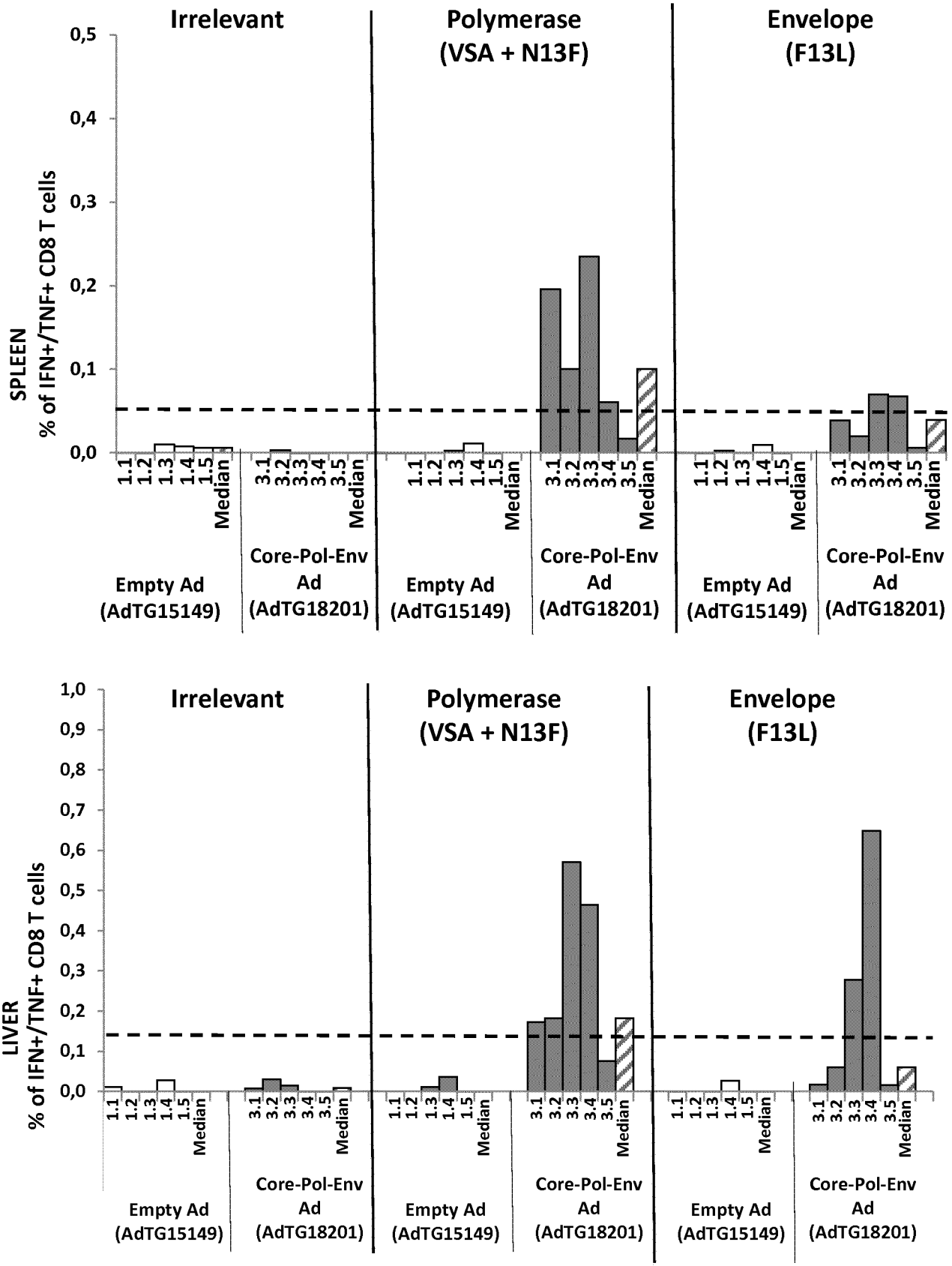
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Figure 7
Fig7a



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Figure 7
Fig7b

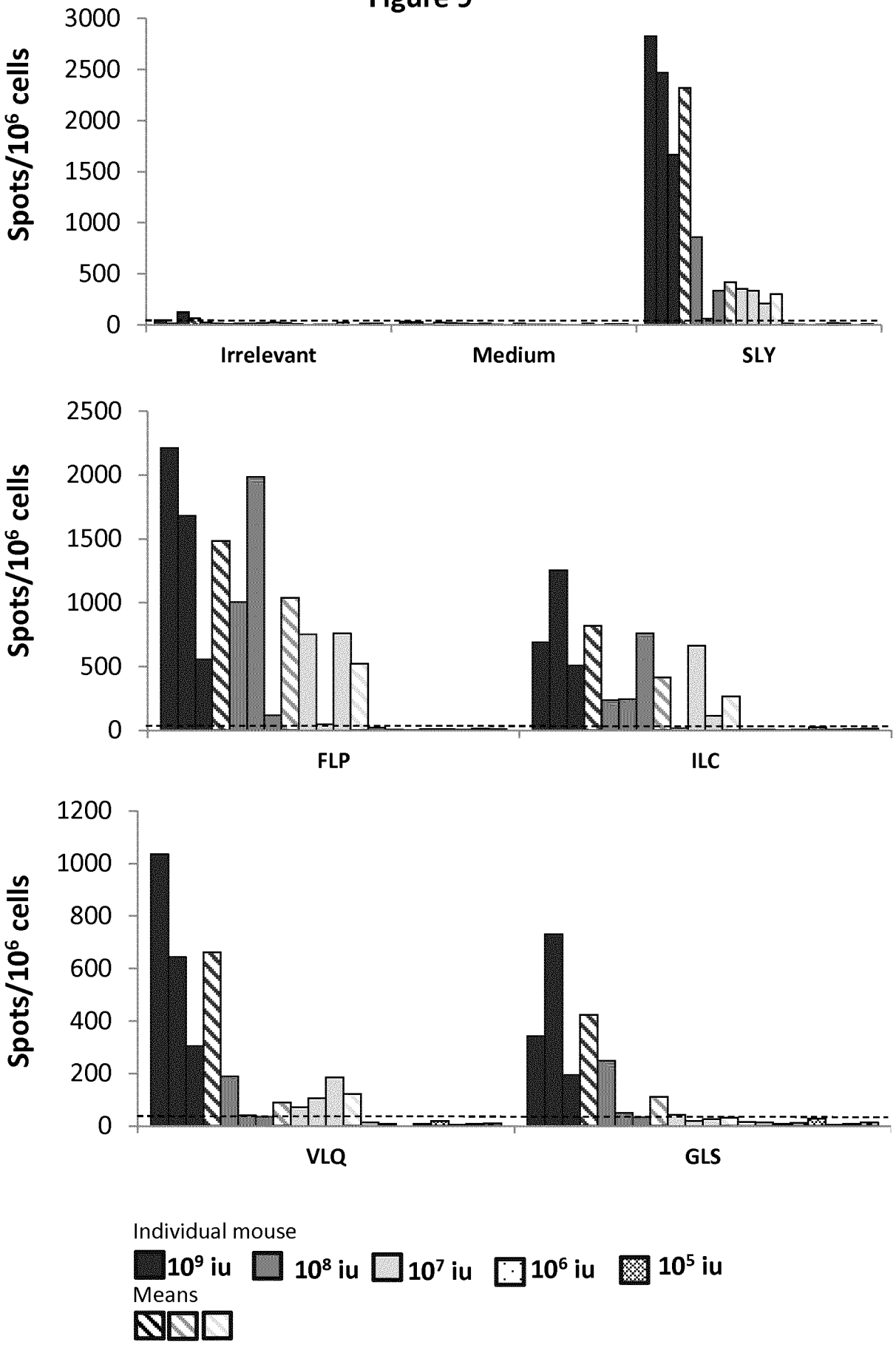


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Figure 8

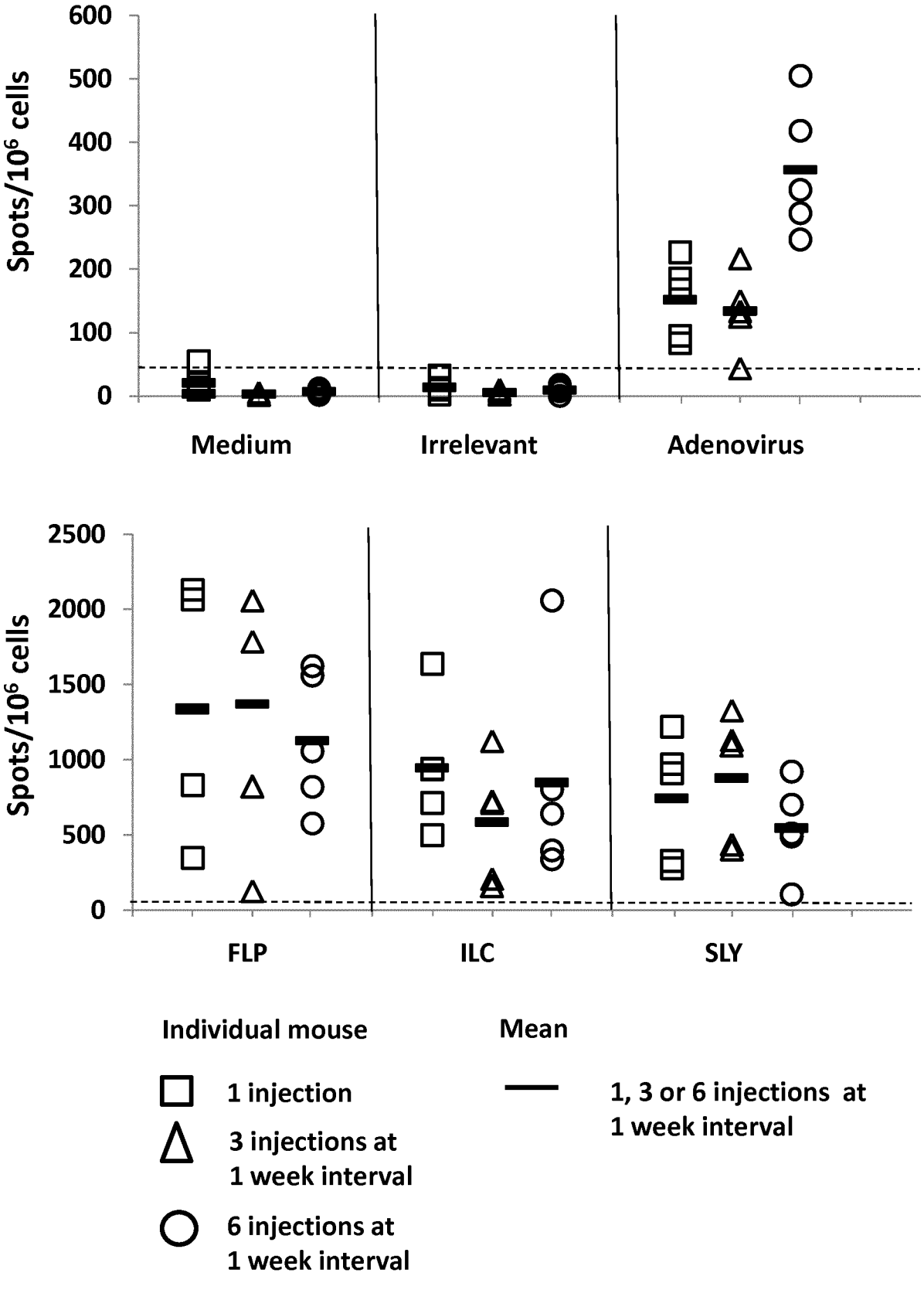


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Figure 9

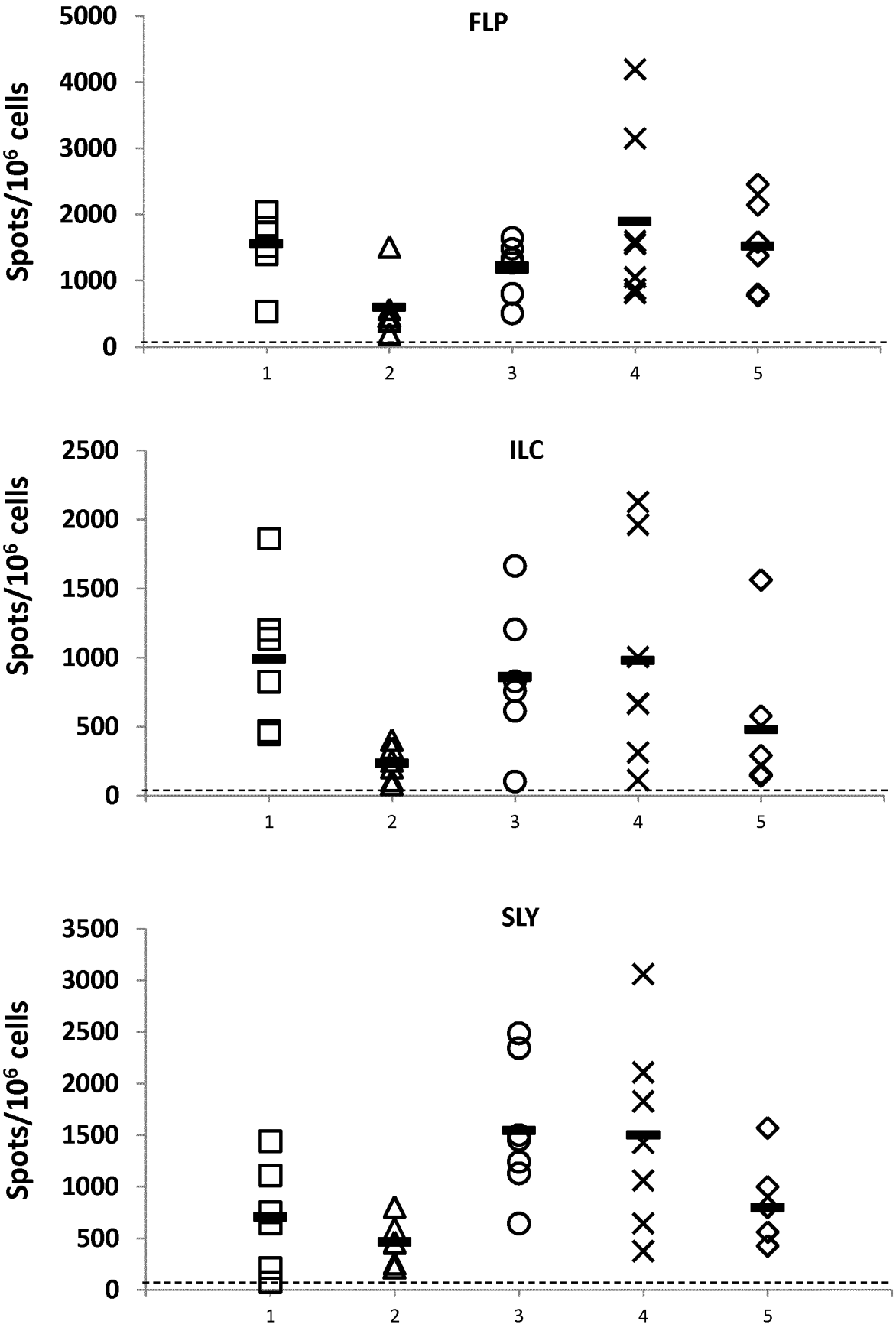


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Figure 10



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Figure 11



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Figure 11-continuation

